CLEAN SHEET OF CLAIMS AS AMENDED

1. A wireless provisioning device for use in public domain networks wherein the wireless provisioning device is accessible by a user of mobile computing devices, comprising:

a chassis;

at least one network card;

at least one wireless card;

at least one processor;

an operating system, the operating system operably configured in the chassis to control the at least one network card, the at least one wireless card and the at least one processor, which are operatively coupled with the chassis;

a packet-switched interface capable of receiving a multiplicity of inbound framed packet-data to provide inbound packets and transmitting a multiplicity of outbound framed packet-data comprising outbound packets;

a channeling controller, coupled to the packet-switched interface that channels the inbound packets based on the inbound address information and constructs the outbound packets and channels the outbound packets with the outbound address information, the channeling controller capable of being effectively connected to at least one network via the operating system; and

an authenticator in operative communication with the operating system to allow authentication at the wireless provisioning device;

whereby the user of a mobile computing device connects to the wireless provisioning device without having to first access the Internet.

7. A wireless provisioning device, comprising:

a chassis;

at least one network card;

at least one wireless card;

at least one processor;

a LINUX operating system, the operating system operably configured in the chassis to control the at least one network card, the at least one wireless card and the at least one processor;

a packet-switched interface capable of receiving a multiplicity of inbound framed packet-data to provide inbound packets and transmitting a multiplicity of outbound framed packet-data comprising outbound packets;

a channeling controller, coupled to the packet-switched interface that channels the inbound packets based on the inbound address information and that constructs the outbound packets and channels the outbound packets with the outbound address information, the channeling controller capable of being effectively connected to at least one network via the operating system.

8. The wireless provisioning device of claim 1, wherein the wireless provisioning device further comprises a second processor.

10. A system for allowing users to securely access public domain area networks via mobile computing devices, comprising:

a plurality of wireless access points;

at least one wireless provisioning device for receiving, authenticating, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system;

a carrier structure communicably positioned between the wireless provisioning device and the plurality of wireless access points for transmitting and receiving data between the wireless provisioning device and the plurality of wireless access points by means of a secure connections; and

a security authentication protocol, initiated by the wireless provisioning device, capable of authenticating traffic as it passes through the carrier structure.

11. The system of claim 10, wherein the wireless provisioning device further comprises a directory services member operatively connected to the operating system thereof, which is suitable for maintaining a database directory that stores MAC addresses and billing profiles for those in the system.

19. A system, comprising:

a plurality of wireless access points;

at least one wireless provisioning device for receiving, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system;

a carrier structure communicably positioned between the wireless provisioning device and the plurality of wireless access points for transmitting and receiving data between the wireless provisioning device and the plurality of wireless access points by means of a secure shell telnet connection; and

a security authentication protocol capable of authenticating traffic as it passes through the carrier structure.

21. The system of claim 20, wherein the at least one antenna is a 2.4Ghz ~~antenna.~~

23. A system, comprising:

a plurality of wireless access points;

at least one wireless provisioning device for receiving, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one LINUX operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system;

a carrier structure communicably positioned between the wireless provisioning device and the plurality of wireless access points for transmitting and receiving data between the wireless provisioning device and the plurality of wireless access points by

a security authentication protocol capable of authenticating traffic as it passes through the carrier structure.

24. The wireless provisioning device of claim 1, wherein the network card, the wireless card, the processor, the operating system, the packet-switched interface, and the channel controller are operatively disposed within the chassis of the wireless provisioning device.

25. The wireless provision device of claim 24, wherein the authenticator is operatively disposed within the chassis of the wireless provisioning device.

26. The wireless provisioning device of claim 1, wherein bandwidth to individual user can be controlled by the wireless provisioning device operating system.

27. The wireless provisioning device of claim 1, wherein the protocol type of an individual user can be controlled by the wireless provisioning device operating system.

28. The system of claim 20, wherein there is more than one antenna and the user is capable of logging on and sustain connectivity with the system while transitioning antennas.

29. The system of claim 20, wherein the user is capable of logging onto and sustaining connectivity with the system while transitioning access points.